

ABSTRACT

2 The present invention relates generally to reconfigurable, solid-state matrix arrays
comprising multiple rows and columns of reconfigurable secondary mechanisms that are
4 independently tuned. Specifically, the invention relates to reconfigurable devices
comprising multiple, solid-state mechanisms characterized by at least one voltage-varied
6 parameter disposed within a flexible, multi-laminate film, which are suitable for use as
magnetic conductors, ground surfaces, antennas, varactors, ferrotunable substrates, or
8 other active or passive electronic mechanisms.

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